Quarterly Report for Environmental Protection Agency (EPA) Enforcement and Compliance Assurance Grants

Grant Award Year: FY 2000
Reporting Period: July 1, 2003 – September 30, 2003

1.   Information

State:	Arizona
Department:	Arizona Department of Environmental Quality (ADEQ)
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Funds Received by State:	$135,000, awarded July 3, 2001 - $60,000 allocated for development of Inspections, Compliance, and Enforcement (ICE) system, including modules for compliance assistance (completed) - $25,000 allocated for development of reports in ICE that allow the generation of Notice of Violation-NOV (completed) - $50,000 allocated for future development of electronic reporting capability for regulated community (in process)
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2. Status of Project Milestones

Project Milestones	Anticipated Completion Date	Completion Date
Enforcement and Compliance Assistance Module		
Approval of compliance assistance system requirements Specifications	03/01	02/01
Approval of compliance assistance programming specifications	09/01	09/01
Completion of screen and reports for compliance assistance modules	01/02	01/02
Completion of user testing of compliance assistance modules	02/02	02/02
Deployment of compliance assistance modules for production use	03/02	03/02
ICE Enforcement Letters		
Define business requirements	10/02	10/02
Design program specifications	11/02	11/02
Develop scripts for printing letters from ICE	11/02	11/02
Test functionality	12/02	12/02
Deploy functionality to agency	12/02	12/02
DMR Electronic Reporting		
Develop project plan and schedule	5/03	6/03
Define business requirements (data exchange format, trading partner agreement, legal security issues, business process to support electronic receipt of information)	7/03	7/03
Design program specification to receive, load, and check data from City of Phoenix	8/03	9/03
Develop and test programming and upload programs	12/03	1/04
Subtask 1. Setup XML gateway	9/03	9/03

Project Milestones	Anticipated Completion Date	Completion Date
Subtask 2. Setup web submittal component	12/1	
Subtask 3. Integration of XML gateway, web front end, and AZURITE.	1/04	
Deploy solution (begin receiving DMR data from City of Phoenix on regular basis)	1/04	

3.   Project Status

Over the last four months ADEQ has made great progress on its E-DMR project.   The design document is complete and signed of by all parities including the City of Phoenix. The Information Technology Section (ITS) working with a contractor has configured the Oracle's XML DB gateway to receive and publish the DMR schema. The gateway was tested successfully with DMR data from Michigan. The web front-end component that allows electronic submissions should be completed by December.

4.   Results/Outcomes

Funding Area - with Goal	Outcome Measurement	
	Planned	**Actual**
Compliance Assistance - Tracking compliance assistance activities	Better information on effectiveness compliance assistance activities	ADEQ has identified outreach and communication as effective compliance assistance activity
	More effective use compliance assistance resources	ADEQ has begun targeting compliance assistance activities to specific regulatory segments
	Increased compliance by regulated community	Undetermined - measure still under development
ICE letter generation	More data entered into ICE	More data is being entered into ICE because of the ability to generate NOV
	Greater staff use of ICE	More staff are using ICE
Data Management- Electronic Reporting	Manual entry of DMR data ADEQ reduced by 10 percent per year (as additional trading parterres implement program).	
	Improved customer service to City of Phoenix.	
	City of Phoenix processes data more efficiently.	

5.   Other

ADEQ=s was awarded this grant in FY2000. The original work plan specified two projects. The first project was to develop a compliance assistance module for the agency=s integrated Inspections, Compliance, and Enforcement (ICE) database ($60,000). The second project was to collect compliance data electronically from the regulated community ($75,000).

ADEQ completed the compliance assistance project in March 2002. However, ADEQ with approval from Region IX delayed using the remaining $75,000 because ADEQ was not ready to implement an

electronic reporting project.

After consulting with EPA Region IX and Headquarters, ADEQ received approval to modify the work plan for spending the remaining $75,000. ADEQ is moving forward with an electronic reporting pilot aimed at the discharge monitoring report data as described in the revised work plan. However, ADEQ used $25,000 of the funds to add functionality to ICE to generate enforcement letters.   This task has been completed. ADEQ is now focusing on completing the third phase of the grant, the DMR electronic reporting pilot, which is scheduled for completion January 2004.

6.   Project Issues

a.   Because the budget period expires this December, a no cost extension is needed in case some of the work carries over into next calendar year.

b.   The project is dependent on the City of Phoenix generating an XML document that conforms to the EPA DMR schema. The City has committed to completing this by the end of October.